MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER, 1935

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NOVEMBER 1935
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.7	58.5	58.6	58.6	22.1	15.7	18.9	21.5	17.9	19.4
2	7.4	8.2	8.7	8.1	20.1	15.6	17.1	19.0	16.3	17.5
3	8.3	8.0	9.9	8.7	21.6	15.3	19.4	19.9	15.4	18.2
4	60.6	60.2	62.1	61.0	22.1	17.0	19.2	21.2	18.3	19.6
5	3.1	3.2	5.1	3.8	22.4	17.1	20.3	21.9	19.2	20.5
6	64.8	63.9	64.2	64.3	23.1	17.7	21.3	22.4	19.0	20.9
7	2.8	59.6	59.5	0.6	24.9	14.8	20.6	24.1	22.3	22.3
8	0.6	60.9	62.3	1.3	22.7	16.3	18.5	22.2	18.2	19.6
9	3.6	1.0	4.4	3.0	23.1	16.0	21.0	20.1	18.4	19.8
10	4.5	4.3	4.4	4.4	21.2	17.5	19.7	21.3	18.3	19.8
11	63.4	61.5	61.6	62.2	21.6	17.2	20.4	21.3	18.3	20.0
12	0.0	59.1	59.5	59.5	21.3	17.3	20.2	20.0	18.0	19.4
13	0.6	60.3	62.0	61.0	22.4	16.6	20.2	21.3	17.6	19.7
14	3.3	3.1	3.6	3.3	20.8	16.6	19.4	20.4	17.4	19.1
15	2.8	1.0	0.4	1.4	20.6	17.8	17.8	19.4	18.4	18.5
16	59.8	58.4	59.0	59.1	21.9	15.6	20.6	21.6	18.7	20.3
17	9.3	9.2	60.7	9.7	19.7	13.7	15.7	18.7	15.2	16.5
18	61.4	61.8	3.3	62.2	17.7	13.2	13.8	13.3	13.8	13.6
19	6.0	5.1	5.5	5.5	18.7	15.2	17.0	18.2	15.3	16.8
20	3.2	0.5	0.5	1.4	21.1	13.7	16.7	20.6	14.8	17.4
21	59.7	60.5	62.3	60.8	19.4	15.5	17.9	18.2	17.3	17.8
22	64.6	4.2	5.3	4.7	19.1	14.9	17.5	18.4	15.2	17.0
23	5.9	5.1	5.8	5.6	18.3	14.6	17.1	17.8	16.9	17.3
24	5.6	3.6	3.4	4.2	18.4	16.0	16.9	18.1	16.3	17.1
25	3.1	1.8	2.4	2.4	20.8	16.7	17.8	20.0	16.9	18.2
26	64.2	62.4	64.4	63.7	20.7	16.8	18.2	19.3	17.1	18.2
27	4.4	2.5	2.0	3.0	20.4	16.6	17.9	19.7	18.2	18.6
28	0.4	59.4	0.3	0.0	22.2	16.7	20.2	20.5	18.2	19.6
29	57.5	6.9	58.7	57.7	20.9	15.7	20.6	18.5	16.8	18.6
30	9.4	8.2	8.8	8.8	19.2	11.6	16.4	17.7	13.4	15.8
	761.97	761.08	761.96	761.67	20.95	15.87	18.61	19.89	17.24	18.57

Barometer, range for month 756.9 mm.—766.0 mm.
,, 50-yr. average for month 762.865 mm.
Thermometer, Range for month 11.6 C.—24.9 °C.
,, 50-yr. average for month 19.68 °C.
Rain, total for month 250.545 mm.
,, , 50-yr. average for month 135.13 mm.
,, , total, Sept. 1st to end of month 328.98 mm.
50-yr. average, Sept. 1st to end of month 195.08 mm.

NOVEMBER 1935
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	17.7	18.0	15.7	14.1	13.0	11.8	13.0	86	68	77	77	3.8	0.500
2	16.5	14.4	14.1	13.6	9.6	10.6	11.3	94	59	77	77	1.8	12.200
3	16.1	16.1	14.6	11.5	11.2	11.8	11.5	69	64	90	74	4.7	19.507
4	16.7	17.7	16.1	12.5	12.8	12.1	12.5	76	69	78	74	5.7	0.178
5	15.9	17.7	16.5	10.8	12.3	12.2	11.8	61	62	74	66	9.8	
6	18.2	19.3	16.8	13.5	14.4	12.8	13.5	71	72	79	74	9.8	
7	17.9	18.7	20.1	13.4	12.6	15.7	13.9	75	56	79	70	7.8	
8	16.2	19.3	15.4	12.2	14.5	11.3	12.7	77	73	73	74	1.8	51.359
9	18.1	17.6	15.8	13.5	13.2	11.7	12.8	73	75	75	74	6.0	
10	16.3	17.9	15.5	11.7	13.1	11.3	12.0	68	69	73	70	9.5	1.880
11	17.6	18.0	16.1	13.0	13.1	12.1	12.7	73	69	78	73	9.7	
12	16.5	17.2	14.8	11.5	12.7	10.6	11.6	65	73	69	69	9.6	
13	16.5	15.8	14.7	11.6	8.1	10.6	10.1	66	54	70	63	7.3	
14	15.5	16.5	14.3	10.7	11.5	10.3	10.8	64	64	69	66	9.9	
15	14.8	15.6	14.8	10.6	10.8	10.3	10.6	70	64	66	67	9.2	
16	17.2	20.4	16.5	12.3	16.9	12.4	13.9	68	88	78	78	9.2	
17	14.6	16.1	13.7	11.6	11.8	10.6	11.4	87	74	84	82	5.0	30.480
18	12.6	12.7	11.6	10.1	10.6	8.8	9.8	86	92	75	84	0.9	23.977
19	12.8	13.9	12.2	8.7	9.4	8.9	9.0	60	60	68	63	9.6	
20	13.3	14.4	14.2	9.4	8.9	11.6	10.0	67	50	93	70	7.2	3.302
21	14.7	14.3	13.0	10.4	9.8	8.8	9.7	68	63	61	64	6.8	32.105
22	13.7	14.1	12.6	9.5	9.5	9.4	9.5	64	61	73	66	9.1	
23	13.0	13.7	13.7	8.9	9.4	9.8	9.3	62	62	68	64	9.4	
24	13.3	13.9	12.7	9.3	9.4	8.9	9.2	66	61	65	64	8.8	
25	14.8	17.6	15.7	10.7	13.2	12.4	12.1	71	76	87	78	6.4	4.318
26	17.1	17.4	15.8	13.8	13.4	12.6	13.3	89	81	87	86	9.2	5.334
27	15.6	15.2	15.4	11.7	10.2	11.3	11.1	77	60	73	70	4.7	
28	16.6	18.1	15.3	11.6	13.6	11.2	12.2	65	76	72	71	1.2	
29	15.2	16.1	14.8	9.8	12.0	11.2	11.0	54	76	79	70	0.0	28.931
30	14.8	15.6	12.7	11.5	11.8	10.5	11.3	83	78	91	84	2.6	36.474
				11.45	11.76	11.12	11.44	71.83	68.30	76.03	72.05	6.55	8.352

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

NOVEMBER 1935
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Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	10cu	6stcu	1st	5.7	2n	2w	0	243.3	stormy	
2	8stcu	6stcu	9stcu	7.7	2sw	3w	1s	388.4	rough	L. p.m.
3	8stcu	8stcu	4st	6.7	1n	1sw	0	456.0	„	L. eve; F. p.m.
4	5cicu	8frcu	8ci,stcu	7.0	0	2w	0	169.4	mod.	L. eve.
5	1cu	1cu	8cu	3.3	0	0	1e	71.9	slight	1st S. visible mts.
6	1cu	3ci	0	1.3	1n	0	0	9.5	„	
7	8cicu	1ci	2ci	3.7	0	2w	2w	104.0	mod.	L; T. at night
8	10stcu	8cicu	0	6.0	1nw	1w	1s	278.1	„	T. p.m.
9	4cu	4cu	2cicu	3.3	1w	2w	0	272.3	slight	L;T. in north p.m.;tr
10	2cu	1cust	2cu	1.7	0	1w	1sw	189.1	„	
11	1st	2cust	1cu	1.3	0	1n	0	119.1	„	
12	1cu	3cu	1cu	1.7	0	0	1s	130.8	„	
13	2cicu	8stcu	1cu	3.7	0	2n	0	63.8	light	
14	1cu	2cicu	3ci	2.0	0	0	0	103.2	„	
15	4ci	1cu	0	1.7	0	1s	0	42.9	slight	
16	1cu	4cu	6cu	3.7	0	2w	0	198.5	mod.	L; T. at night
17	5cu	9cu	0	4.7	0	2w	0	267.4	„	
18	9stcu	9stcu	0	6.0	1s	1s	1s	228.2	light	
19	1stcu	1cu	0	0.7	1s	0	1s	119.4	„	
20	5ci	9cicu	10cu	8.0	0	1sw	1s	417.1	mod.	T.p.m;thinF.am.pm.
21	9cu	5cu	2cu	5.3	3w	2w	3w	531.7	rough	L. eve.
22	2cu	2cu	1cu	1.7	0	0	0	128.6	mod.	
23	1ci	3ci	0	1.3	0	1w	1w	149.0	slight	
24	4ci	7ci	0	3.7	0	0	0	78.9	light	
25	10cu	7cu	0	5.7	0	1sw	0	259.6	slight	
26	1stcu	4ci,stcu	0	1.0	0	0	0	27.2	light	
27	4a.cu	10cu	0	4.7	0	1n	1n	56.5	„	
28	10cu	9cu	10cu	9.7	0	0	0	51.0	„	L.p.m;thin F. am.
29	10cu	10cu	10cu	10.0	1sw	4sw	4sw	701.6	rough	T.p.m; „ „ p.m
30	10cu	5cu	9cu	8.0	5s	0	0	530.9	„	T.p.;eve;S.W.g.p.m.
					19	33	19			
				4.37	0.6	1.1	0.6	212.91		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	0	0	0	3	2	2	1	19	30
14:30	3	0	0	0	2	4	11	0	10	30
20:30	1	0	1	0	6	2	3	0	17	30
Totals	7	0	1	0	11	8	16	1	46	

Number of days with rain 14, fog 3, thunderstorms 6, gales 1.

50-yr. average number of days with rain during month 9.8

Abbreviations used in "Notes"; Lightning (L), Thunderstorm (T), Fog (F), Snow (S), Trace of rain (tr), Gale (g).